



# **SUMMARY**

#### # Wires

Low voltage 5



Image is for illustrative purpose only

Series 0F

**Termination type** Male crimp

IP rating 67

AWG wire size 26.00 - 22.00 Cable Ø 3.80 - 9.00 mm

**Status** active

#### **Download**

Request a quote

Catalog

See video assembly instructions

## **TECHNICAL DETAILS**

#### **Mechanics**

Shell Style/Model FG\*: Straight plug

**Keying** 3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)

Housing Material

Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces

beryllium copper

Weight 5.54 g

#### **Performance**

Configuration 0F.305 : 5 Low Voltage Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 6.5 Amps

## **Specifications**

Contact Type: Crimp Contact Retention: 22 N Contact Dia.: 0.7 mm (0.028in) Bucket Dia.: 0.8 mm (0.031in)

Min. Conductor: 0.14 mm^2 (AWG 26) Max. Conductor: 0.34 mm^2 (AWG 22)

R (max): 6.1 mOhm

Vtest (contact-shell): 1200 V (AC), 1700 V (DC)

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

#### **Others**

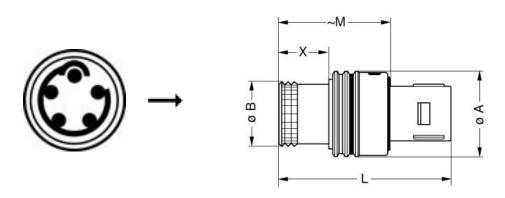
Endurance (Shell): 300 mating cycles Temp (min / max): -15°C / +200°C

Humidity (max): <=95% [at 60 deg C /140 F]

Vibration: 15 g [10 Hz - 2000 Hz] Shock Resistance: 100 g [ 6 ms]

Climatical Category: 15/200/21 (Aluminium shell)

# **DRAWINGS**





### **Dimensions**

	А	В	L	М	Х
mm.	12	9	27.5	17.8	8
in.	0,47	0,35	1,08	0,70	0,31

# **RECOMMENDED BY LEMO**

## **Tools**

Crimp Tool: DPC.91.701.V

Crimp settings: AWG/Selector = 22-24-26/6-5-5

Extractor: DCF.93.070.4LT

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

### **Cables**

CMN.05.T22.051QGZE	TPR (medical)	Grey	>€
150250	PVC	Grey	<b>&gt;===</b>
50090	PVC	Black	
50140	PVC	Grey	-9(=